

| | Type | Ref # | Hits | Search Text |
|----|------|-------|-------|---|
| 1 | IS&R | S4 | 264 | (347/17).CCLS. |
| 2 | BRS | S5 | 11906 | (ink\$4 adj print\$5) and temperature |
| 3 | BRS | S6 | 136 | S4 and S5 |
| 4 | BRS | S7 | 109 | S6 and sensor\$4 |
| 5 | BRS | S9 | 11906 | (ink\$4 adj print\$5) and temperature |
| 6 | BRS | S10 | 136 | S8 and S9 |
| 7 | BRS | S11 | 109 | S10 and sensor\$4 |
| 8 | BRS | S12 | 99 | S11 and (temperature adj sensor\$3) |
| 9 | BRS | S13 | 78 | S12 and (swath or direction) |
| 10 | BRS | S14 | 26 | S12 and swath |
| 11 | BRS | S15 | 85 | S11 and signal |
| 12 | IS&R | S8 | 264 | (347/17).CCLS. |
| 13 | IS&R | S18 | 264 | (347/17).CCLS. |
| 14 | BRS | S19 | 259 | S18 and (temperature or thermal) |
| 15 | IS&R | S20 | 264 | (347/17).CCLS. |
| 16 | BRS | S21 | 259 | S20 and (temperature or thermal) |
| 17 | BRS | S22 | 172 | S21 and (swath or direction) and (signal or sensor) |
| 18 | IS&R | S23 | 624 | (347/41,17).CCLS. |
| 19 | IS&R | S24 | 264 | (347/17).CCLS. |
| 20 | BRS | S25 | 259 | S24 and (temperature or thermal) |
| 21 | BRS | S26 | 172 | S25 and (swath or direction) and (signal or sensor) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--------------|-------------------|-----------------|-----------------------------|
| 1 | USPAT; USOCR | 2005/08/03 09:05 | | |
| 2 | USPAT | 2005/07/27 13:56 | | |
| 3 | USPAT | 2005/08/02 16:28 | | |
| 4 | USPAT | 2005/07/27 15:26 | | |
| 5 | USPAT | 2005/07/27 15:26 | | |
| 6 | USPAT | 2005/07/27 15:26 | | |
| 7 | USPAT | 2005/07/27 15:46 | | |
| 8 | USPAT | 2005/07/27 15:27 | | |
| 9 | USPAT | 2005/07/27 15:30 | | |
| 10 | USPAT | 2005/07/27 15:30 | | |
| 11 | USPAT | 2005/08/03 15:36 | | |
| 12 | USPAT; USOCR | 2005/07/27 16:24 | | |
| 13 | USPAT; USOCR | 2005/07/28 10:31 | | |
| 14 | USPAT | 2005/07/28 13:10 | | |
| 15 | USPAT; USOCR | 2005/07/28 13:11 | | |
| 16 | USPAT | 2005/07/28 13:11 | | |
| 17 | USPAT | 2005/07/28 13:17 | | |
| 18 | USPAT; USOCR | 2005/07/29 11:12 | | |
| 19 | USPAT; USOCR | 2005/07/28 15:58 | | |
| 20 | USPAT | 2005/07/28 15:58 | | |
| 21 | USPAT | 2005/07/29 13:20 | | |

| | Type | Ref # | Hits | Search Text |
|----|------|-------|-------|--|
| 22 | BRS | S27 | 66 | S26 and bi\$3 |
| 23 | IS&R | S28 | 1287 | (347/41,17,29,30).CCLS. |
| 24 | BRS | S29 | 72 | S28 and (pre-warming or pre-discharge or prewarming or warming or predischage) |
| 25 | BRS | S30 | 2 | S29 and (temperature adj4 sensor) and (controller near signal) and (swath or direction) and print\$5 |
| 26 | BRS | S31 | 24 | ("4313124" "4345262" "4459600" "4463359" "4558333" "4723129" "4740796" "5172142" "5208605" "5463413" "5610638" "5646654" "5736994" "5814683" "5880751" "5894314" "5912685" "5992979" "6039428" "6139125" "6149264" "6155673" "6338545").PN. OR ("6679576" "6729709").URPN. |
| 27 | IS&R | S32 | 264 | (347/17).CCLS. |
| 28 | BRS | S33 | 259 | S32 and (temperature or thermal) |
| 29 | BRS | S34 | 153 | S33 and (swath or direction) and (signal or sensor) and (thermal or temperature) adj6 (sensor or signal) |
| 30 | BRS | S35 | 943 | S28 and base\$3 |
| 31 | BRS | S36 | 56 | S35 and (pre-warming or pre-discharge or prewarming or warming or predischage) |
| 32 | BRS | S37 | 55 | S36 and (thermal or temperature) and (signal or sensor) |
| 33 | BRS | S39 | 3 | S28 and trickle and heater |
| 34 | IS&R | S40 | 264 | (347/17).CCLS. |
| 35 | BRS | S41 | 11924 | (ink\$4 adj print\$5) and temperature |
| 36 | BRS | S42 | 136 | S40 and S41 |
| 37 | BRS | S44 | 63 | S42 and ((back and forth) or (left and right)) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--------------------------------|-------------------|-----------------|-------------------------|
| 22 | USPAT | 2005/07/28 16:06 | | |
| 23 | USPAT; USOCR | 2005/07/29 13:26 | | |
| 24 | USPAT | 2005/07/29 13:27 | | |
| 25 | US-PGPUB; USPAT; USOCR; JPO | 2005/07/29 11:18 | | |
| 26 | US-PGPUB; USPAT; USOCR | 2005/07/29 11:19 | | |
| 27 | USPAT; USOCR | 2005/07/29 13:20 | | |
| 28 | USPAT | 2005/07/29 13:20 | | |
| 29 | USPAT | 2005/07/29 13:20 | | |
| 30 | USPAT | 2005/07/29 13:26 | | |
| 31 | USPAT | 2005/07/29 13:28 | | |
| 32 | USPAT | 2005/07/29 13:32 | | |
| 33 | USPAT | 2005/07/29 13:32 | | |
| 34 | USPAT; USOCR | 2005/08/02 16:29 | | |
| 35 | USPAT | 2005/08/02 16:29 | | |
| 36 | USPAT | 2005/08/03 13:58 | | |
| 37 | USPAT | 2005/08/02 16:29 | | |

| | Type | Ref # | Hits | Search Text |
|----|------|-------|--------|--|
| 38 | IS&R | S45 | 2 | (("5168284") or ("5745132")) .PN. |
| 39 | IS&R | S46 | 264 | (347/17) .CCLS. |
| 40 | BRS | S47 | 11924 | (ink\$4 adj print\$5) and temperature |
| 41 | BRS | S48 | 136 | S46 and S47 |
| 42 | IS&R | S50 | 264 | (347/17) .CCLS. |
| 43 | BRS | S51 | 11924 | (ink\$4 adj print\$5) and temperature |
| 44 | BRS | S52 | 136 | S50 and S51 |
| 45 | BRS | S53 | 109 | S52 and sensor\$4 |
| 46 | BRS | S54 | 359518 | S53 and 9signal or pulse |
| 47 | BRS | S55 | 359534 | S53 and signal or pulse |
| 48 | BRS | S56 | 94 | S53 and (signal or pulse) |
| 49 | IS&R | S57 | 264 | (347/17) .CCLS. |
| 50 | BRS | S58 | 259 | S57 and (temperature or thermal) |
| 51 | BRS | S59 | 172 | S58 and (swath or direction) and (signal or sensor) |
| 52 | IS&R | S72 | 2780 | (347/14,19) .CCLS. |
| 53 | BRS | S76 | 1141 | S72 and temperature |
| 54 | IS&R | S77 | 995 | (347/17,41) .CCLS. |
| 55 | BRS | S78 | 652 | S76 not S77 |
| 56 | BRS | S79 | 472 | S72 and (temperature with (sens\$4 detect\$4 determin\$4 calculat\$4)) |
| 57 | BRS | S80 | 353 | S79 not S77 |
| 58 | BRS | S82 | 74 | S72 and (temperature adj2 second) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--------------------------------|-------------------|-----------------|-------------------------|
| 38 | USPAT; USOCR | 2005/08/03 09:05 | | |
| 39 | USPAT; USOCR | 2005/08/03 13:58 | | |
| 40 | USPAT | 2005/08/03 13:58 | | |
| 41 | USPAT | 2005/08/03 13:58 | | |
| 42 | USPAT; USOCR | 2005/08/03 15:35 | | |
| 43 | USPAT | 2005/08/03 15:35 | | |
| 44 | USPAT | 2005/08/03 15:35 | | |
| 45 | USPAT | 2005/08/03 15:35 | | |
| 46 | USPAT | 2005/08/03 15:35 | | |
| 47 | USPAT | 2005/08/03 15:35 | | |
| 48 | USPAT | 2005/08/03 15:35 | | |
| 49 | USPAT; USOCR | 2005/08/03 15:37 | | |
| 50 | USPAT | 2005/08/03 15:37 | | |
| 51 | USPAT | 2005/08/03 15:37 | | |
| 52 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/04 13:45 | | |
| 53 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/04 13:49 | | |
| 54 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/04 13:49 | | |
| 55 | USPAT | 2005/08/04 13:50 | | |
| 56 | USPAT | 2005/08/04 13:51 | | |
| 57 | USPAT | 2005/08/04 13:51 | | |
| 58 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/05 15:05 | | |

| | Type | Ref # | Hits | Search Text |
|----|------|-------|------|--|
| 59 | BRS | S83 | 82 | S72 and (second adj2 temperature) |
| 60 | IS&R | S85 | 2780 | (347/14,19).CCLS. |
| 61 | BRS | S87 | 18 | S85 and (third adj2 temperature) |
| 62 | BRS | S90 | 59 | S85 and (second adj2 temperature) and (end or finish) |

| | DBs | Time Stamp | Comments | Error Definition |
|-----------|--------------------------------|-------------------|-----------------|-----------------------------|
| 59 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/05 15:47 | | |
| 60 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/05 15:05 | | |
| 61 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/05 15:23 | | |
| 62 | US-PGPUB; USPAT; USOCR; JPO | 2005/08/05 15:48 | | |